

FIG. 1

Endocardial
Segmentation
Sequence

200

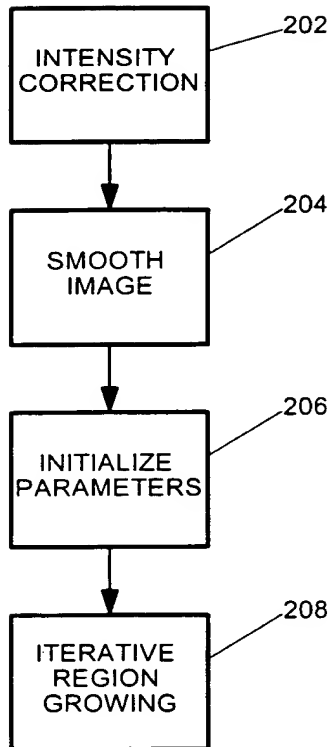


Fig. 2

Smooth
Image

204

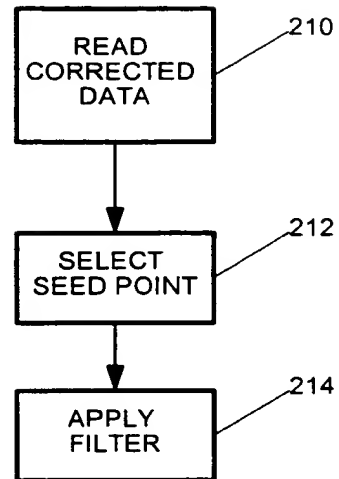


FIG. 3

218

216

1/25	1/25	1/25	1/25	1/25
1/25	1/25	1/25	1/25	1/25
1/25	1/25	1/25	1/25	1/25
1/25	1/25	1/25	1/25	1/25
1/25	1/25	1/25	1/25	1/25

Fig. 7

206

Initialize
Parameters

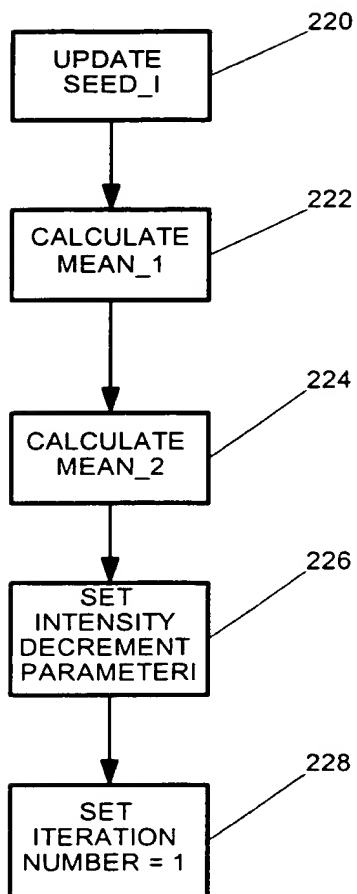


FIG. 4

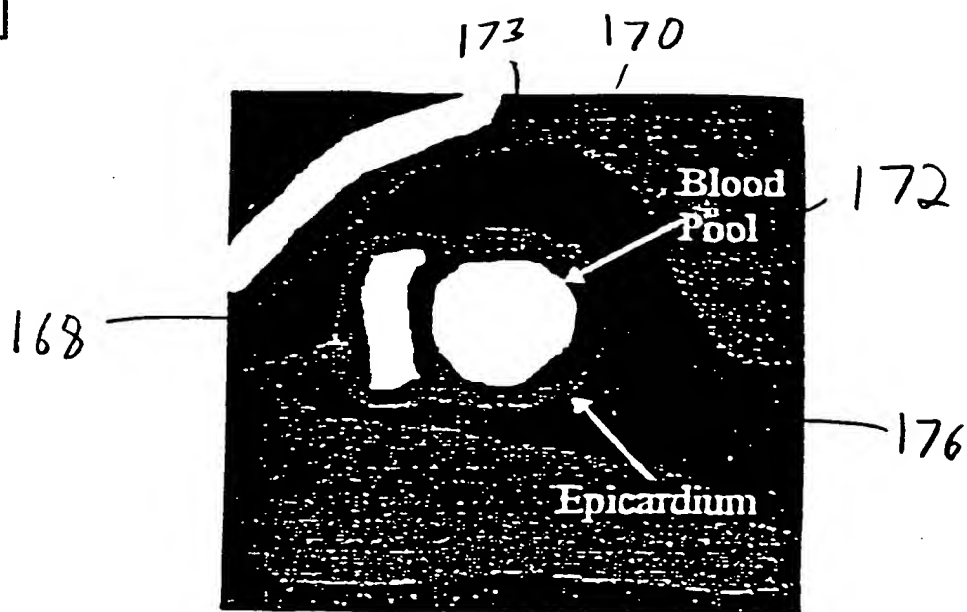


Fig. 8

Iterative
Region
Growing

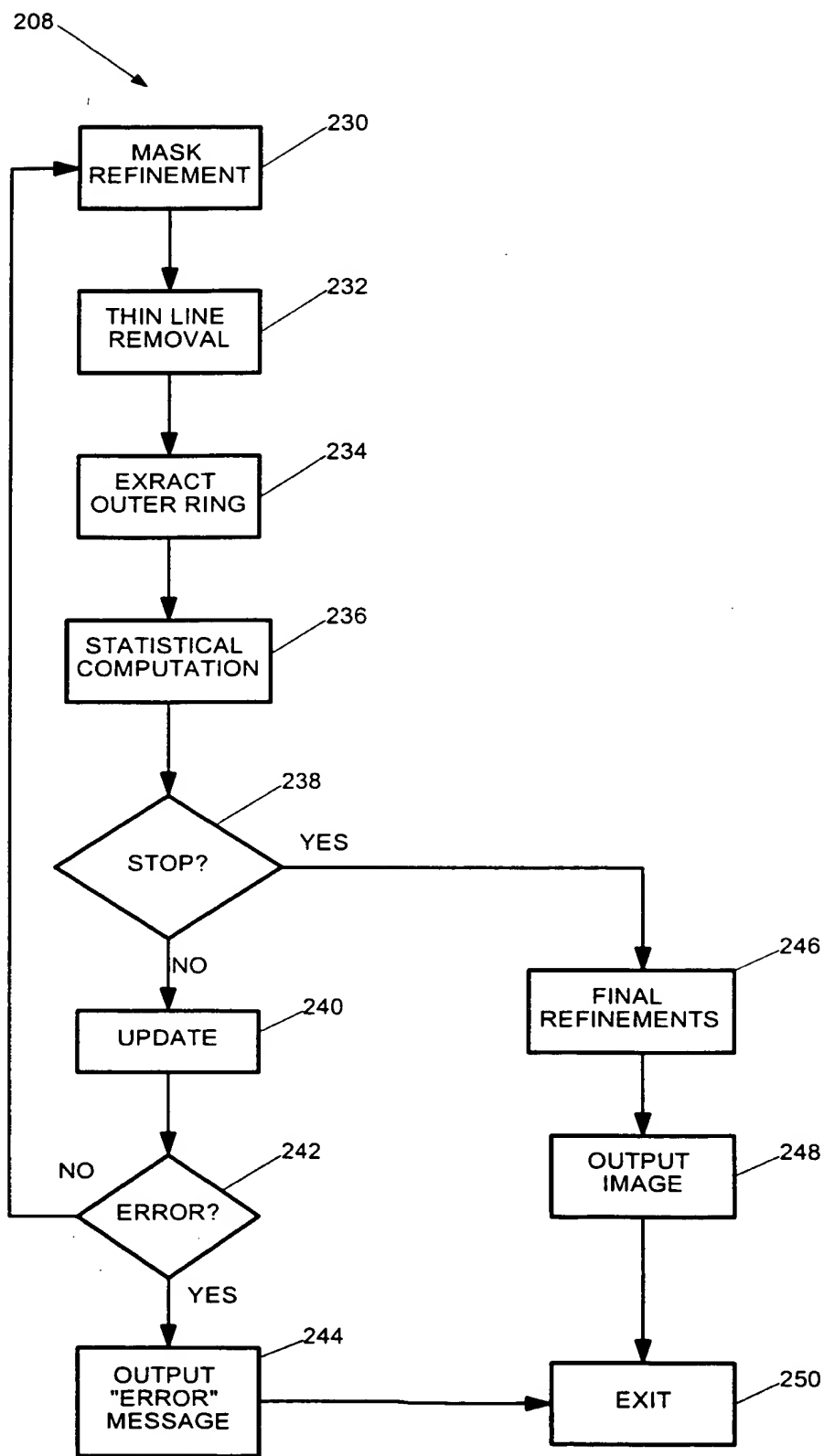


FIG. 5

Mask
Refinement

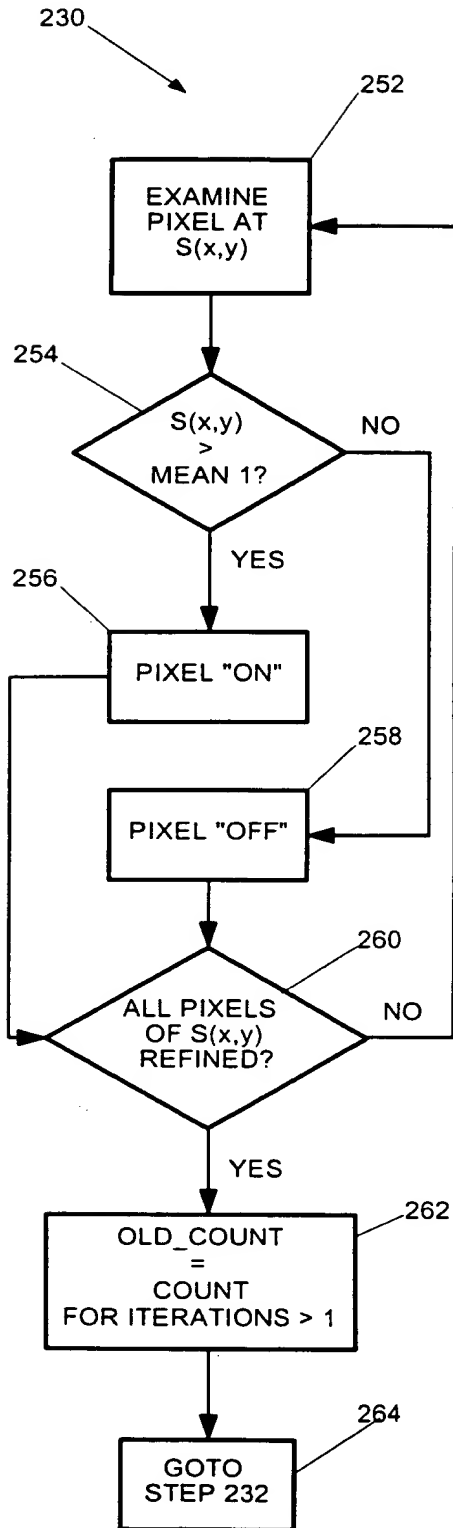
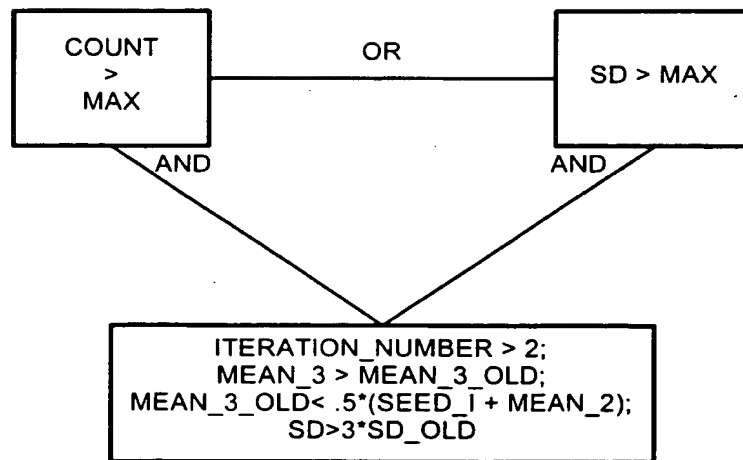
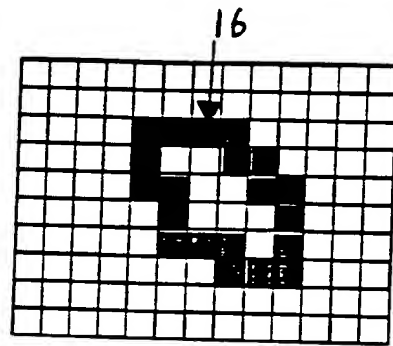
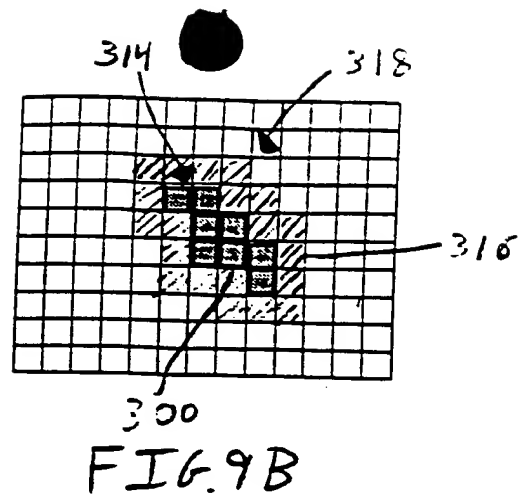
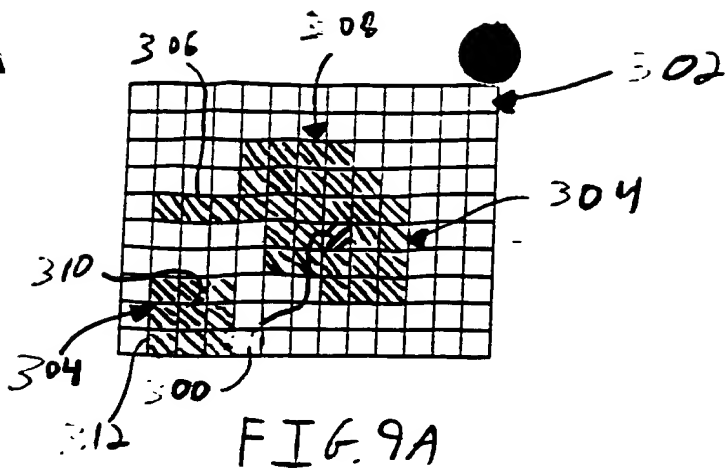


FIG. 6

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Thin Line
Removal

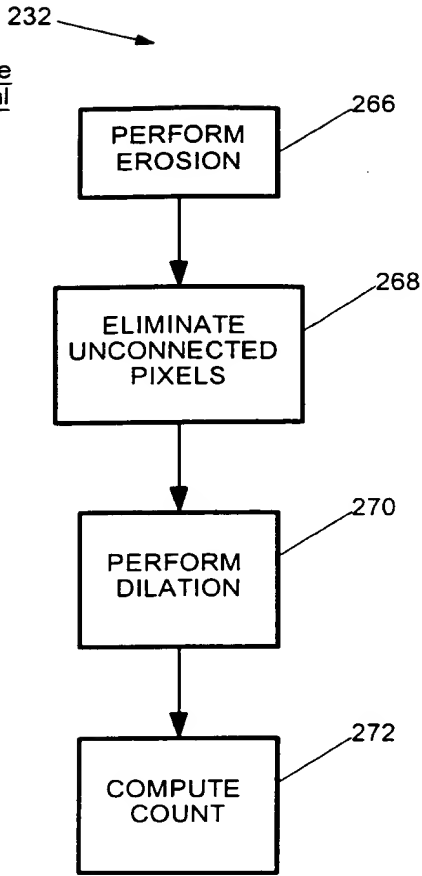


FIG. 10

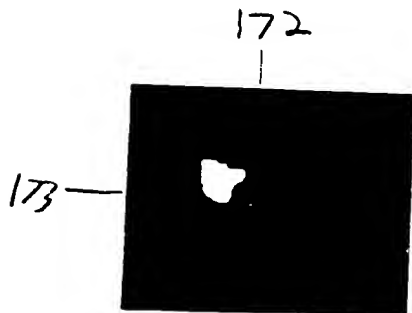


FIG. 15

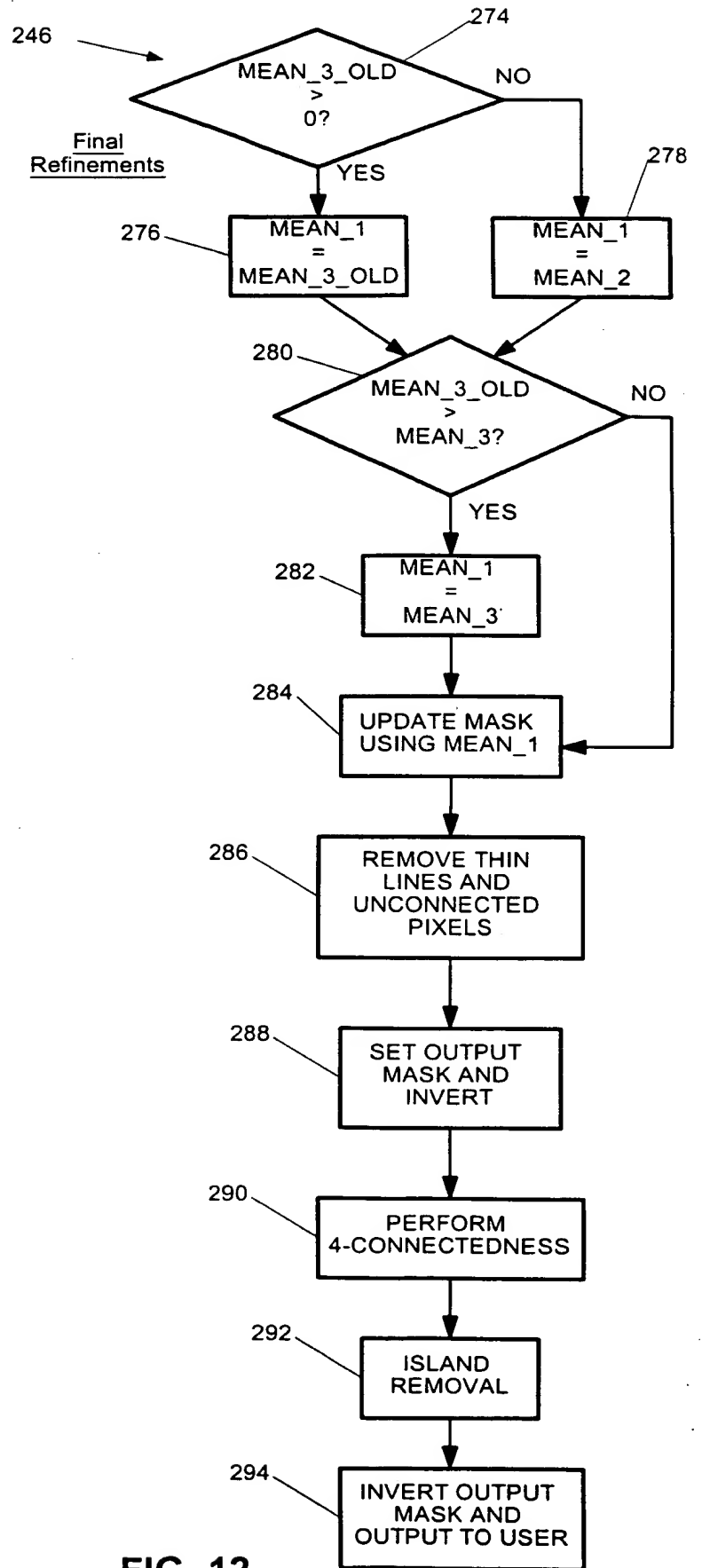


FIG. 12

Iteration	Count	Mean1	Mean2	Mean3	SD
2	28	150.09	72.48	0	0
3	104	142.19	72.48	146.48	2.48
4	147	134.3	72.48	137.76	2.25
5	181	126.4	72.48	130.44	2.26
6	210	118.5	72.48	122.9	2.2
7	252	110.59	72.48	114.95	3.09
8	287	102.69	72.48	105.7	2.6
9	333	94.8	72.48	97.65	2.66
10	384	86.9	72.48	89.27	2.51
11	439	79.0	72.48	82.05	1.86
12	549	71.09	72.48	74.04	2.28
13	6956	63.19	72.48	88.41	16.88

FIG. 13

Region Growing Metrics vs. Growth Iteration

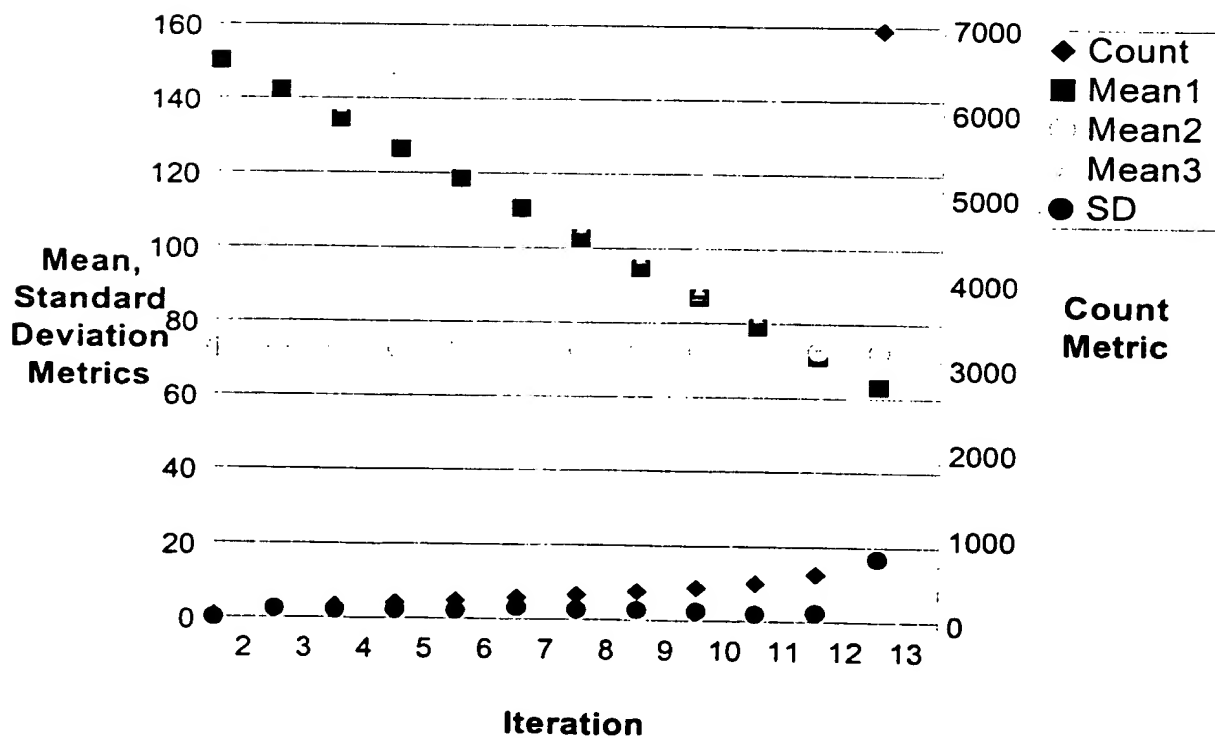


FIG. 14